

# ENGINE ASSEMBLY LUBE

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## Product Description

ENGINE ASSEMBLY LUBE is formulated to cling to engine parts, it also provides exceptional wear protection, while it inhibiting corrosion and rust in built four-strokes machine and newly machines. It is developed to dissolve in oil; helps eliminate oil port clogging and deposit formation. The Engine Assembly Lube is designed to dissolve in oil, helping oil ports remain clean, and helping to eliminate deposit formation under the valve covers and in the oil pan.

Engine Assembly Lube is formulated with high viscosity base oil and a unique tackifier for long lasting, tenacious cling. It contains high levels of anti-wear additives for further protection.

The Engine Assembly Lube contains rust and corrosion inhibitors that protect engine components during inactivity.

## Applications

The Engine Assembly Lube is recommended for any rebuilt four-stroke engine and new engine. Also, it includes racing and performance engines, and it should be applied to all areas of the engine susceptible to initial startup wear.

## Benefits

- Dissolves in Oil.
- It provides protection from rust and corrosion.
- Recommended for all four-strokes engines.
- Recommended for high-performance and racing engines.
- High in anti-wear additives.
- Tenaciously clings to parts.

## Typical Properties

ENGINE ASSEMBLY LUBE	
Appearance	Smooth Grease
Color	Dark Copper
Specific Gravity	1.2 ± 0.1
Kinematic Viscosity @40°C	1000
Operating Temperature	> 1100°C
Drop Point	None
NLGI	2
Worked Penetration	265-295
Copper Strip Corrosion	ASTMD130 = 1a
4 Ball Weld Load ASTM D2509	> 800 Kg
Brush ability	Up to -12°C
Four ball Wear solids	0.4mm
Oil Separation	< 2.5 %
Friction Factor	1.1 (as per API RP 7A1)
Wear scar under 800N load	1.08
Coefficient of friction	0.10,
Press-Fit test m	
SKF EMCOR method	0
Degree of corrosion	

**Available Packs: 1, 5, 18, 50 and 180 Kg.**

**TUBES: 50, 100 and 200 Grams**

**Shelf Life – 36 Months from the Manufacturing month.**

\* All related specifications are meets or exceeds.

Due to continual product research and development, the information contained herein is subject to change without notification. Typical Properties may vary slightly. The Material Safety Data Sheet (MSDS) are available upon request through our sales office.

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product** ENGINE ASSEMBLY LUBE  
**Supplier** PETRELPLUS INC.

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(Monday to Friday)  
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[marketing@petrelplus.com](mailto:marketing@petrelplus.com)  
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## 2. COMPOSITION

No harmful substances. Composition of high-Viscosity base oil, thickener and Proprietary additives.

## 3. HAZARDS IDENTIFICATION

Not classified as Hazardous.

## 4. FIRST-AID MEASURES

**RESPIRATORY SYSTEM:** Remove to fresh air and get medical attention.

**INGESTION:** Do not induce vomiting. Wash mouth out with water and obtain medical attention.

**EYES:** Rinse immediately with plenty of water for at least 10 minutes. Get Medical Attention.

**SKIN:** Remove contaminated clothing. Wash affected area with soap and water, get medical attention.

## 5. FIRE-FIGHTING METHODS

Foam, carbon dioxide or dry powder.

## 6. ACCIDENTAL RELEASE MEASURE

Contain and absorb in sand or earth. Ensure no material enters drains or water courses. Dispose of as solid waste in accordance with the relevant waste disposal regulations.

## 7. STORAGE AND HANDLING

Handling - At ambient temperatures wear gloves overalls and eye protection. The work area should be adequately ventilated. No eating drinking or smoking in the work area.

Storage - Store in delivery packs in a cool & dry place.

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

### Exposure Standard:

The substance with exposure limit is: Notation 1: Exposure Standard: 2nd substance with exposure limit is: Notation 2:

### PERSONAL PROTECTION

Respiratory Protection:

Type of Cartridge (if Applicable): Eye Protection: Safety Spectacles

Hand Protection: Gloves butyl or nitrile rubber

Industrial Hygiene: No eating drinking or smoking in the work area Ventilation: At room temperature handle in a well-ventilated area.

Use exhaust ventilation if exposure to flume or aerosol can occur.

### PROTECTION AGAINST FIRE AND EXPLOSION

Combustible but not readily ignited. No explosion hazard.

EC SAFETY PHRASES: Not classified as hazardous.

## 9. TYPICAL PROPERTIES

Color - Dark Copper  
NLGI - 2  
Drop Point, °C - None  
Operating Temperature, °C - (>1100)

## 10. STABILITY AND REACTIVITY

### HAZARDOUS REACTIONS

#### Comments

HAZARDOUS DECOMPOSITION PRODUCTS Thermal decomposition produces noxious fumes.

## 11. TOXICOLOGICAL INFORMATION

LD50 Acute Oral Toxicity: > 5000:mg/Kg:Rat

LC50 Acute Inhalation: :mg/1

Eye Irritation: No: Rabbit

Skin Irritation: No.: Rabbit

Sensation: No

Further Information:

## 12. ECOLOGICAL INFORMATION

LC50 (96 Hour): mg/1

EC50 (24 Hour): mg/1

Biodegradability (Coupled units):

## 13. DISPOSAL CONSIDERATIONS

Solid material should be incinerated. Material absorbed on sand should be disposed of as solid waste.

## 14. TRANSPORT INFORMATION

IMDG No.: Not classified

Packing Groups: IATA-DGR Class No.: Not classified

TREMCARD: Not classified

RID/ADR Class No.: Not classified

Other Information

## 15. REGULATORY INFORMATION

Classification and labeling according to EC Directives 67/548

Not classified as hazardous. EC Risk Phrases

Not classified as hazardous. Other Hazardous

EC Safety Phrases

Not classified as hazardous

## 16. OTHER INFORMATION: PRODUCT SAFETY

For safety reasons, it is IMPERATIVE that customer: - Ensure that all those within their control who use the products are supplied with all relevant information contained within the Material Safety Data Sheet and Technical Bulletin concerning the applications for which the product is designed and any instructions or warning.

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